

ES



DOCKET NO.: 42390P10312

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

DOUGLAS E. CRAFTS

Application No.: 09/738,686

Filed: December 15, 2000

For: **ALIGNMENT OF FIBER OPTIC BUNDLE
TO ARRAY WAVEGUIDE USING PINS**

Art Group: 2839

Examiner: Thanh Tam T. Le

Date of mailing of PTOL 85 entitled
"Notice of Allowance and Base Issue Fee
Due" December 22, 2003

Confirmation No. 9954

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 7 sheets including 9 Figures. The three month period of response set in the Notice of Allowability (PTOL 37) expires on March 22, 2004. This submission is on or before this expiration date. Please charge any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

Blakely, Sokoloff, Taylor & Zafman LLP

Dated: February 27, 2004

Gregory D. Caldwell, Reg. No. 39,926

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CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Tamara M. Simpson

02/27/04

Date



B

**FEE TRANSMITTAL
for FY 2004**

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete if Known**

Application Number	09/738,686
Filing Date	December 15, 2000
First Named Inventor	Douglas E. Crafts
Examiner Name	Thanh Tam T. Le
Art Unit	2839
Attorney Docket No.	42390PT0312

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None
☐ Deposit AccountDeposit
Account
Number

02-2666

Deposit
Account
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to (check all that apply)

- ☐ Charge fee(s) indicated below ☒ Credit any overpayments
- ☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
- ☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$)	

2. EXTRA CLAIM FEES

Total Claims 20** = X =

Independent Claims 3 = X =

Multiple Dependent =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				(\$)	

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	1,210	2255	605	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)				NONE	0.00

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type) Gregory D. Caldwell

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(Attorney/Agent)

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Signature

Date

02/27/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 02/10/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



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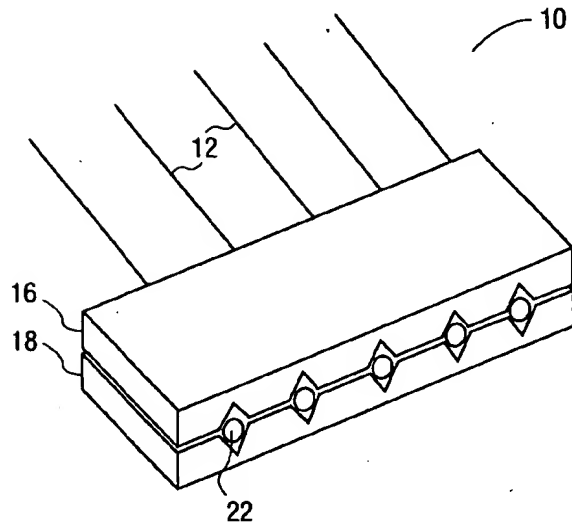


FIG. 1A
(PRIOR ART)

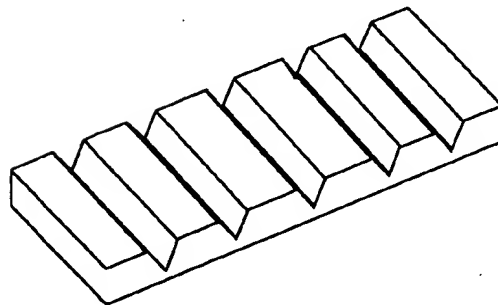


FIG. 1B
(PRIOR ART)

11



Blakely, Sokoloff, Taylor & Zafman LLP
Title: ALIGNMENT OF FIBER OPTIC BUNDLE TO ARRAY WAVEGUIDE
USING PINS
1st Named Inventor: Douglas E. Crafts
Application No.: 09/738,686
Sheet: 2 of 7

(503) 684-6200

Docket No.: 42390P10312

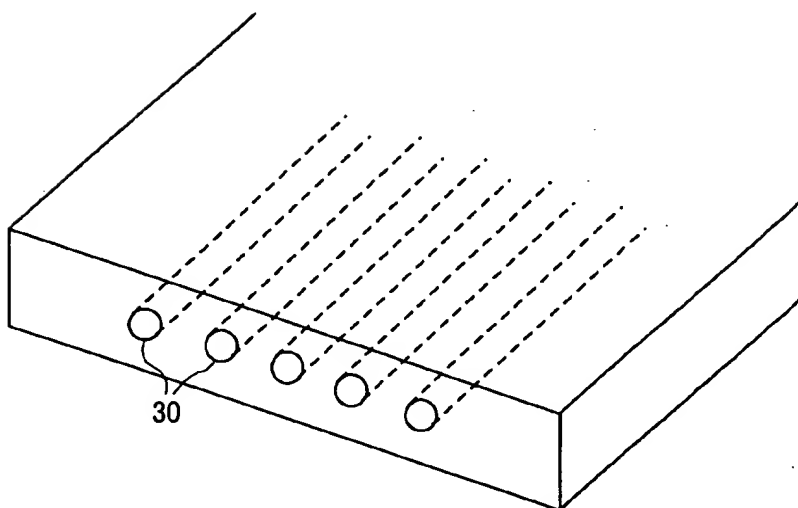


FIG. 2
(PRIOR ART)



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Sheet: 3 of 7

(503) 6200
Docket No.: 42390P10312

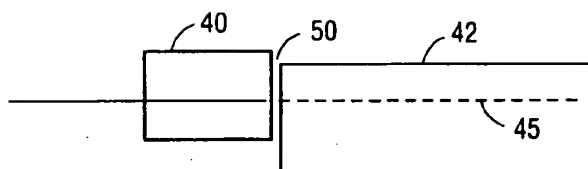


FIG. 3
(PRIOR ART)

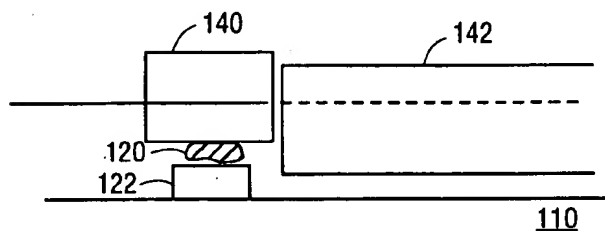


FIG. 4



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FIG. 5A

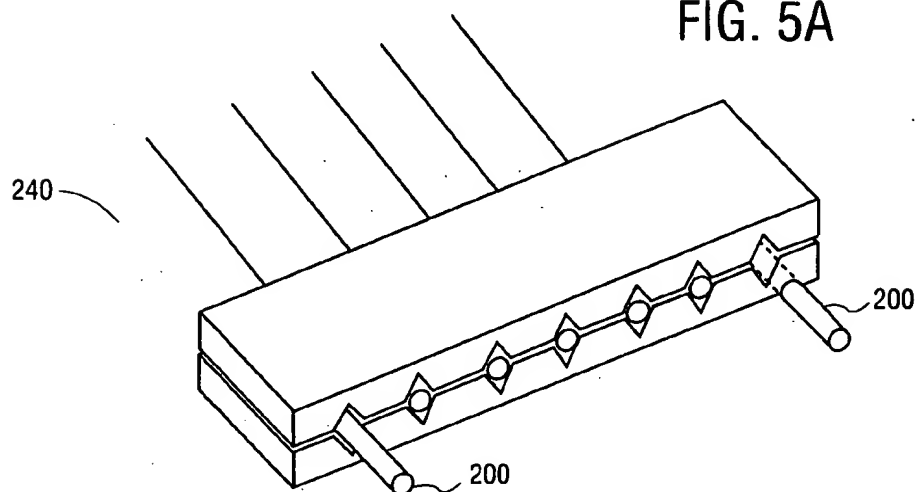
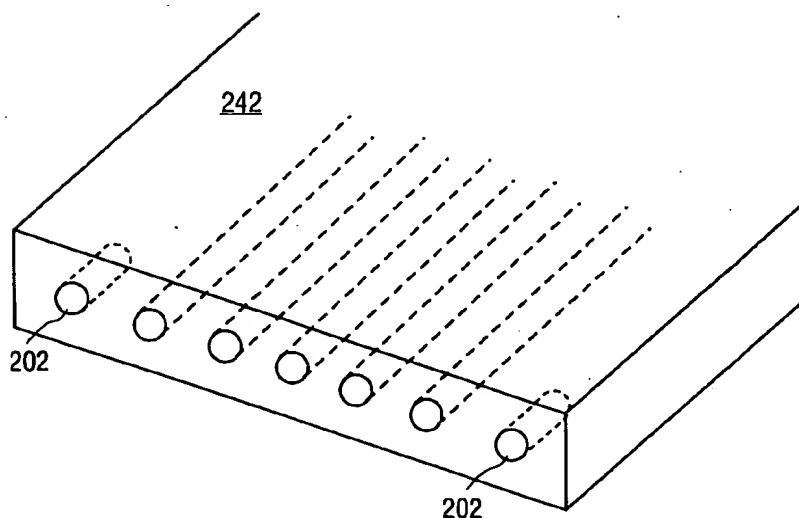


FIG. 5B





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1st Named Inventor: Douglas E. Crafts

Application No.: 09/738,686

Sheet: 5 of 7

Docket No.: 42390P10312

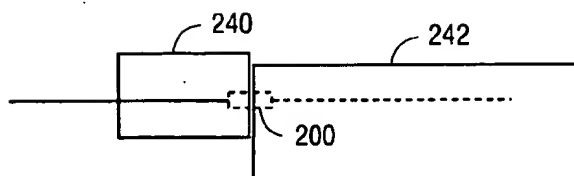


FIG. 6



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1st Named Inventor: Douglas E. Crafts

Application No.: 09/738,686

Docket No.: 42390P10312

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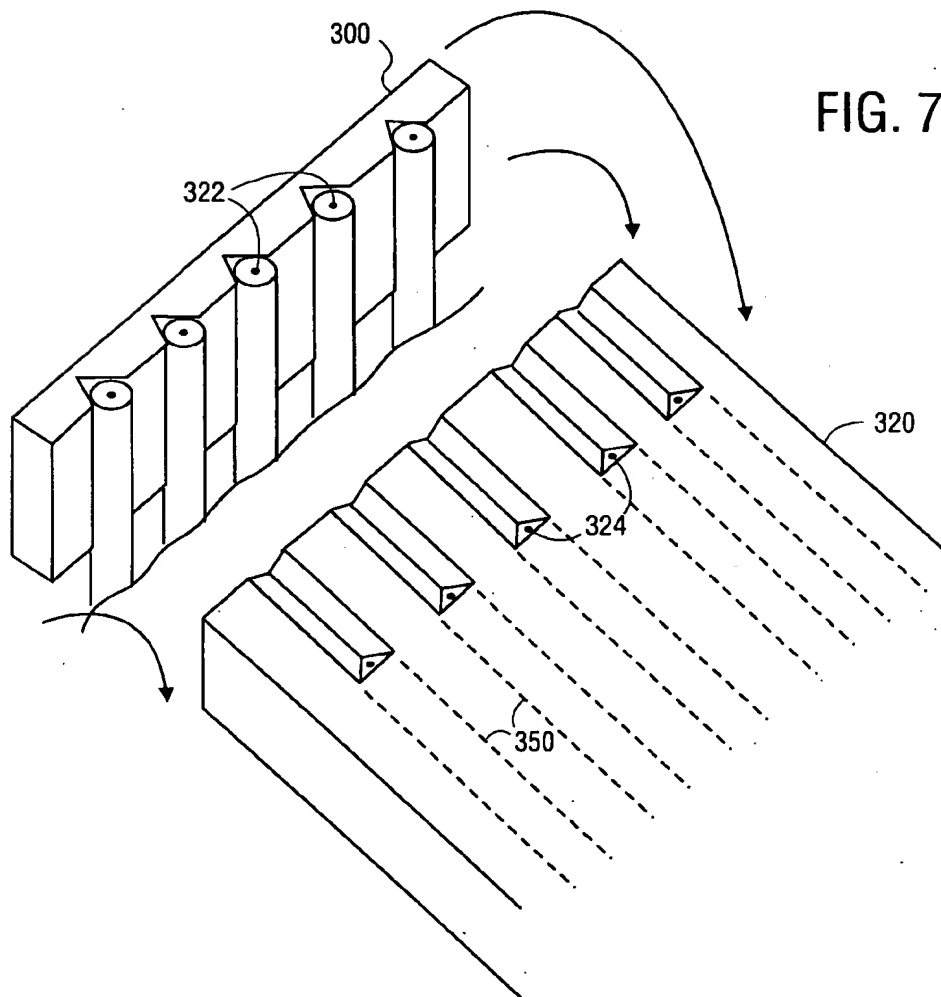


FIG. 7



FIG. 8

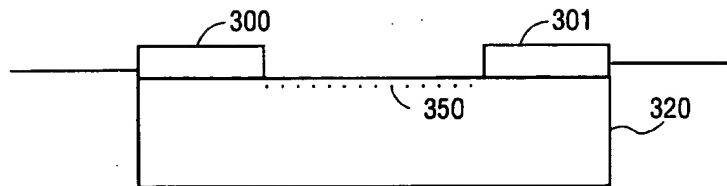


FIG. 9

